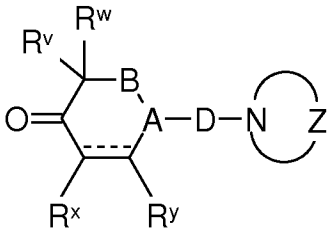
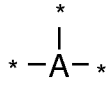
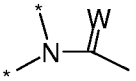
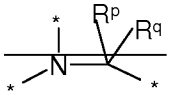
AMENDMENT TO THE CLAIMS

1. (Currently Amended) A compound of the general formula I



(I)

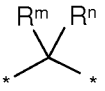
where

 is a group of the formulae  ~~or~~  where D is bonded to the nitrogen atom and where

~~R^p and R^q are each independently selected from hydrogen, halogen, optionally substituted C_1-C_6-alkyl, C_3-C_6-cycloalkyl, C_2-C_6-alkenyl, C_2-C_6-alkynyl, C_1-C_6-alkoxy, C_3-C_6-cycloalkyloxy, C_3-C_6-cycloalkyl-C_1-C_4-alkyloxy and optionally substituted phenyl;~~

W is O, S or an N-R^z group where R^z is selected from optionally substituted C_1-C_6-alkyl, C_3-C_6-cycloalkyl, C_2-C_6-alkenyl, C_2-C_6-alkynyl, C_1-C_6-alkoxy, C_3-C_6-cycloalkyloxy, C_3-C_6-cycloalkyl-C_1-C_4-alkyloxy and optionally substituted phenyl

and * denotes the bonding sites;

-B- is ~~a bond or~~  where R^m and R^n are each independently selected from hydrogen, halogen, optionally substituted C_1-C_6-alkyl, C_3-C_6-cycloalkyl, C_2-C_6-alkenyl, C_2-C_6-alkynyl, C_1-C_6-alkoxy, C_3-C_6-cycloalkyloxy, C_3-C_6-cycloalkyl-C_1-C_4-alkyloxy and optionally substituted phenyl, or, when the nitrogen in the A group is bonded to B, may also be a carbonyl group, and * denotes the bonding sites;

----- represents a single bond or a double bond;

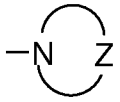
R^v, R^w are each independently hydrogen, halogen, optionally substituted C_1-C_6-alkyl, C_1-C_6-alkoxy, C_2-C_6-alkenyl, C_2-C_6-alkynyl, C_3-C_6-cycloalkyloxy, C_3-C_6-cycloalkyl-C_1-C_4-alkyloxy or C_3-C_6-cycloalkyl; or

~~R^x, R^y are each independently hydrogen, halogen, optionally substituted C_1-C_6-alkyl, C_1-C_6-alkoxy, C_2-C_6-alkenyl, C_2-C_6-alkynyl, C_3-C_6-cycloalkyloxy, C_3-C_6-cycloalkyl-C_1-C_4-alkyloxy or C_3-C_6-cycloalkyl, or~~

R^x, R^y, together with the carbon atoms to which they are bonded, ~~may also~~ form a fused phenyl ring ~~or a fused 5- or 6-membered aromatic heterocycle which has 1, 2, 3 or 4 heteroatoms which are selected from N, O and S,~~ where the fused phenyl ring ~~and the fused aromatic heterocycle~~ may have 1, 2 or 3 substituents which are selected from optionally substituted C_1-C_6-alkyl, CN, OR^1, NR^2R^3, NO_2, SR^4, SO_2R^4, $SO_2NR^2R^3$, $CONR^2R^3$, $COOR^5$, COR^6, C_1-C_4-haloalkoxy, C_2-C_6-alkenyl, C_2-C_6-alkynyl, C_2-C_6-alkenyloxy, C_2-C_6-alkynyloxy, C_3-C_6-cycloalkyl, C_3-C_6-cycloalkyloxy and halogen; where

R^1, R^2, R^3, R^4, R^5 and R^6 are each independently H, optionally substituted C_1-C_6-alkyl or optionally substituted phenyl, where R^3 may also be a COR^7 group where R^7 is hydrogen, optionally substituted C_1-C_4-alkyl or optionally substituted phenyl, where R^2 with R^3 may also together form a 5- or 6-membered, saturated or unsaturated carbocycle which may have a heteroatom selected from O, S and NR^8 as a ring member, where R^8 is hydrogen or C_1-C_4-alkyl,

D is a linear or branched 2- to 10-membered alkylene chain which may have, as chain members, a heteroatom group K which is selected from O, S, S(O), $S(O)_2$, N-R^8, CO-O, C(O)NR^8, and/or 1 or 2 nonadjacent carbonyl groups and which may include a cycloalkanediyl group and/or may have a double or triple bond;



is a saturated or monounsaturated, monocyclic nitrogen heterocycle having from 5 to 8 ring members or a bicyclic saturated nitrogen heterocycle having from 7 to 12 ring members, where the mono- and the bicyclic nitrogen heterocycle optionally has, as a ring member, a further heteroatom selected from oxygen, sulfur or nitrogen, where the mono- or bicyclic nitrogen heterocycle ~~may be unsubstituted or~~ bears an R^a radical, where

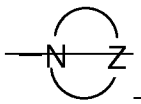
~~R^a is C_1-C_{10}-alkyl, C_2-C_{10}-alkenyl, C_1-C_{10}-alkoxycarbonyl, C_1-C_{10}-alkylcarbonyl, C_1-C_{10}-alkylsulfonyl, C_1-C_{10}-cyanoalkyl, C_3-C_{10}-cycloalkyl, C_3-C_{10}-cycloalkyl-C_1-C_4-alkyl, C_3-C_{10}-cycloalkylcarbonyl, C_3-C_{10}-cycloalkylcarbonyl-C_1-C_4-alkyl, phenylcarbonyl, phenylcarbonyl-C_1-C_4-alkyl, phenoxycarbonyl, phenyl-C_1-C_{10}-alkyloxycarbonyl, 3- to 8-membered heterocyclylcarbonyl or 3- to 8-membered heterocyclylcarbonyl-C_1-C_4-alkyl, where heterocyclyl in the aforementioned~~

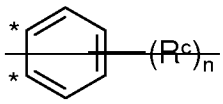
~~radicals may have one, two or three heteroatoms selected from S, O and N, and~~

~~where the last 6 radicals may have, on the heterocycle or on the phenyl ring, 1, 2 or 3 substituents R^b which are each independently selected from optionally substituted C_1-C_6-alkyl, C_2-C_6-alkenyl, C_2-C_6-alkynyl, C_3-C_6-cycloalkyl, C_4-C_{10}-bicycloalkyl and C_6-C_{10}-tricycloalkyl, where the last three groups may optionally be substituted by halogen or C_1-C_4-alkyl, halogen, CN, OR^1, NR^2R^3, NO_2, SR^4, SO_2R^5, $CONR^2R^3$, $SO_2NR^2R^3$, $COOR^5$, COR^6, O-COR^6, 5- or 6-membered heterocyclyl having 1, 2 or 3 heteroatoms selected from O, S and N, and phenyl, where phenyl and heterocyclyl in the last two substituents R^b may optionally bear one or two substituents which are each independently selected from C_1-C_4-alkyl, C_1-C_4-alkoxy, NR^2R^3, CN, C_1-C_2-fluoroalkyl and halogen, and where 2 substituents R^b bonded to adjacent carbon atoms of the aromatic radical may together be C_3- or C_4-alkylene, or, together with the carbon atoms to which they are bonded, may be a fused-on, unsaturated 5- or 6-membered carbocycle or a 5- or 6-membered heterocycle having 1 or 2 nitrogen atoms as ring members; or~~

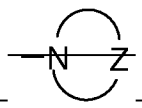
R^a is an E-Ar group wherein E is a bond or linear or branched alkylene having from 1 to 4 carbon atoms and in particular $(CH_2)_p$ where p is 0, 1, 2, 3 or 4, and Ar is selected from phenyl, naphthyl and 5- or 6-membered heteroaryl which has one, two or three heteroatoms selected from S, O and N as ring members and which may optionally have 1, 2 or 3 ~~of the aforementioned~~ substituents R^b which are each independently selected from C_1-C_6-alkyl, C_2-C_6-alkenyl, C_2-C_6-alkynyl, C_3-C_6-cycloalkyl, C_4-C_{10}-bicycloalkyl and C_6-C_{10}-

tricycloalkyl, where the last three groups may optionally be substituted by halogen or C_1-C_4-alkyl, halogen, CN, OR^1, NR^2R^3, NO_2, SR^4, SO_2R^5, $CONR^2R^3$, $SO_2NR^2R^3$, $COOR^5$, COR^6, O-COR^6, 5- or 6-membered saturated, partly unsaturated or aromatic heterocyclyl having 1, 2 or 3 heteroatoms selected from O, S and N, and phenyl, where phenyl and heterocyclyl in the last two substituents R^b may optionally bear one or two substituents which are each independently selected from C_1-C_4-alkyl, C_1-C_4-alkoxy, NR^2R^3, CN, C_1-C_2-fluoroalkyl and halogen, and where 2 substituents R^b bonded to adjacent carbon atoms of the aromatic radical may together be C_3- or C_4-alkylene, or, together with the carbon atoms to which they are bonded, may be a fused-on, unsaturated 5- or 6-membered carbocycle or a 5- or 6-membered heterocycle~~or~~

 ~~is a saturated monocyclic nitrogen heterocycle having from 5 to 7 ring atoms which bears a fused-on benzene ring of the formula~~



~~where * denotes the bonding sites to the saturated monocyclic heterocycle; R^e may be the same or different and is as defined for R^b, and n is 0, 1, 2 or 3;~~

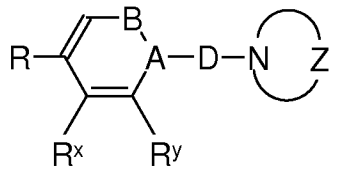
~~where~~  ~~may optionally also have 1, 2, 3 or 4 further C_1-C_4-alkyl groups as substituents~~;

where the term "optionally substituted phenyl" in the definition of R^z, R^m, R^n, R^v, R^w, R^1, R^2, R^3, R^4, R^5, R^6 and R^7 is unsubstituted phenyl or phenyl which has 1, 2 or 3, of the following substituents: halogen, nitro, cyano, C_1-C_4-alkyl, C_1-C_4-haloalkyl, C_2-C_6-alkenyl, C_2-C_6-alkynyl,

C_3-C_6-cycloalkyl, C_1-C_4-haloalkyl, C_1-C_4-alkoxy, OR^{21}, $COOR^{21}$, $NR^{22}R^{23}$, $SO_2NR^{22}R^{23}$, $CONR^{22}R^{23}$, O-$CONR^{22}R^{23}$, S-R^{24}, SOR^{25}, SO_2R^{25}, $OCOR^{26}$ and COR^{26}, where R^{21} to R^{26} are hydrogen, C_1-C_4-alkyl, C_1-C_4-haloalkyl, C_3-C_7-cycloalkyl, benzyl or phenyl;

where the term "optionally substituted alkyl" in the definition of R^z, R^m, R^n, R^v, R^w, R^1, R^2, R^3, R^4, R^5, R^6 and R^7 is alkyl which may have 1, 2 or 3 substituents which are selected from OH, C_1-C_4-alkoxy, halogen, C_3-C_7-cycloalkyl and optionally substituted phenyl;

the physiologically acceptable acid addition salts of this compound and the tautomer of the formula I'



(I')

where R is halogen, an O-R^1 group where R^1 is as defined above, or an O-C(O)R^9 group where R^9 is hydrogen, optionally substituted C_1-C_6-alkyl, benzyl or phenyl, where the last two radicals are optionally substituted by one or two radicals which are each independently selected from C_1-C_4-alkyl, OH, C_1-C_4-alkoxy, NR^2R^3, CN, C_1-C_2-fluoroalkyl or halogen, and the physiologically acceptable acid addition salts of the tautomer I'.

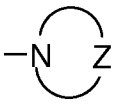
2. (Canceled)

3. (Previously Amended) A compound as claimed in claim 1, where D in the formulae I and I' is a $(CH_2)k$ group or a $C(O)(CH_2)l$ group, where k is 3, 4, 5 or 6 and l is 2, 3, 4 or 5.

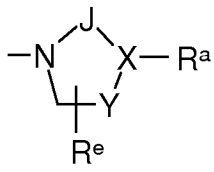
4. (Previously Amended) A compound as claimed in claim 1, where A is N-C(O) in which the carbon atom is bonded to the variable B.

5. (Withdrawn) A compound as claimed in claim 4, where B is CH_2.

6. (Previously Amended) A compound of the general formula I or I' as claimed in claim 1, where is a radical of the formula where



is a radical of the formula



where R^a is as defined above, and

J is CH_2, CH_2-CH_2 or CH_2-CH_2-CH_2;

X is CH or N and

Y is CH_2, CH_2-CH_2 or CH_2-CH_2-CH_2, or Y-X together is CH=C or CH_2-CH=C;

R^e is hydrogen or C_1-C_4-alkyl.

7. (Original) A compound as claimed in claim 6, where J is CH_2-CH_2 and Y is CH_2.

8. (Previously Amended) A compound as claimed in claim 6, where X is N.

9. (Canceled)

10. (Currently Amended) A compound as claimed in ~~claim 9~~ claim 1, where E is a bond.

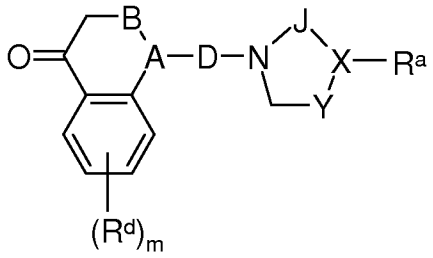
11. (Original) A compound as claimed in claim 10, where Ar is phenyl, pyridyl, pyrimidinyl or s-triazinyl, each of which has 1, 2 or 3 of the aforementioned Rb radicals.

12. (Original) A compound as claimed in claim 9, where E is CH_2.

13. (Original) A compound as claimed in claim 12, where Ar is phenyl, naphthyl, pyridyl, pyridinyl, pyrazinyl, pyridazinyl, thienyl, furyl, pyrrolyl, pyrazolyl, imi-dazolyl, oxazolyl, isoxazolyl, thiazolyl, isothiazolyl, 1-oxa-3,4-diazolyl or 1-thia-3,4-diazolyl, each of which is unsubstituted or may have 1, 2 or 3 of the above-mentioned R^b radicals.

14. (Canceled)

15. (Original) A compound of the general formula I-Aa



(I-Aa)

where R^a, A, B and D are each as defined in claim 1;

m is 0, 1, 2 or 3;

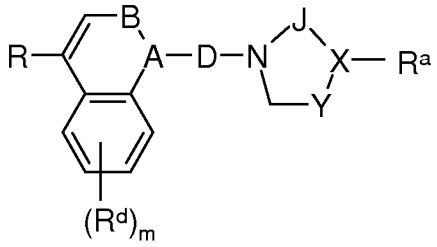
R^d are each independently C_1-C_4-alkyl, C_1-C_4-hydroxyalkyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, CN, OR^1, NR^2R^3, NO_2, SR^4, SO_2R^4, $SO_2NR^2R^3$, $CONR^2R^3$, $COOR^5$, COR^6, C_1-C_2-fluoroalkyl, C_1-C_2-fluoroalkoxy, C_2-C_6-alkenyl, C_2-C_6-alkynyl, C_2-C_6-alkenyloxy, C_2-C_6-alkynyloxy, C_3-C_6-cycloalkyl, C_3-C_6-cycloalkyl or halogen, where R^1, R^2, R^3, R^4, R^5 and R^6 are each as defined in claim 1;

J is CH_2, CH_2-CH_2 or CH_2-CH_2-CH_2;

X is CH or N and

Y is CH_2, CH_2-CH_2 or CH_2-CH_2-CH_2, or Y-X together is CH=C or CH_2-CH=C;

the physiologically acceptable acid addition salts of this compound and the tautomer of the formula I-A'a



(I-A'a)

where R is as defined in claim 1 and the physiologically acceptable acid addition salts of the tautomer Ia'.

16. (Canceled)

17. (Previously Amended) A compound as claimed in claim 15, where J is CH_2-CH_2 and Y is CH_2.

18. (Previously Amended) A compound as claimed in claim 15, where X is N.

19. (Canceled)

20. (Currently Amended). A compound as claimed in claim ~~19~~15, where E is a bond.

21. (Original). A compound as claimed in claim 20, where Ar is phenyl, pyridyl, pyrimidinyl or s-triazinyl, each of which has 1, 2 or 3 of the aforementioned R^b radicals.

22. (Original). A compound as claimed in claim 19, where E is CH_2.

23. (Currently Amended). A compound as claimed in claim 22, where Ar is phenyl, naphthyl, pyridyl, pyridinyl, pyrazinyl, pyridazinyl, thienyl, furyl, pyrrolyl, pyrazolyl, imi-dazolyl, oxazolyl, isoxazolyl, thiazolyl, isothiazolyl, 1-oxa-3,4-diazolyl or 1-thia-3,4-diazolyl, each of which is unsubstituted or may have 1, 2 or 3 of the above-mentioned R^b radicals.

24. (Canceled)

25. (Previously Amended). A pharmaceutical composition comprising at least one active ingredient which is selected from compounds of the formula I, the tautom-ers of the formula I', the physiologically tolerated acid addition salts of the com-pounds I and the physiologically tolerated acid addition salts of the tautomers of the formula I' as claimed in claim 1, optionally together with physiologically ac-ceptable carriers and/or excipients.

26. (Currently Amended). ~~The use of active ingredients which are se-lected from~~ A method for treating a medical disorder selected from the group consisting of Parkinson's disease, schizophrenia, cognitive disturbances, depression, anxiety, addiction, kidney function disturbances, and eating disturbances, said method comprising administering to a subject in need thereof an effective amount of at least one ~~compounds~~ compounds of ~~the formula I, the tautomers of the formula I', the physiologically tolerated acid addition salts of the compounds I and the physiologically tolerated acid addition salts of the tautomers of the formula I' as claimed in~~ claim 1 ~~for producing a pharmaceutical composition for treating diseases which respond to the influence of dopamine D3 receptor antagonists or agonists~~.

27. (Canceled)

28. (Canceled)

29. (New) The compound according to claim 15, wherein

J is CH_2-CH_2;

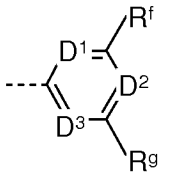
X is N

Y is CH_2;

and wherein

R^a is a radical E-Ar, wherein E is a bond and Ar is selected from phenyl, pyridyl, pyrimidinyl and s-triazinyl, each of which has 1, 2 or 3 of the aforementioned R^b radicals.

30. (New) The compound according to claim 29, wherein R^a is a radical Ar-1

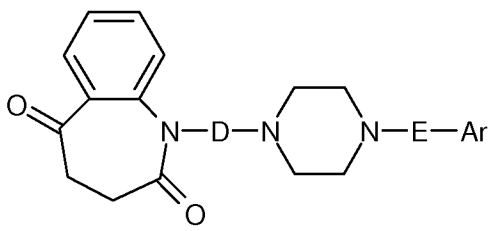


Ar-1

wherein D^1 and D^2 are N and D^3 is CH and wherein

R^f and R^g are each independently selected from the following groups: OR^1, NR^2R^3, CN, C_1-C_6-alkyl which is optionally substituted by OH, C_1-C_4-alkoxy, halogen or phenyl, C_2-C_6-alkenyl, C_2-C_6-alkynyl, C_3-C_6-cycloalkyl, C_4-C_{10}-bicycloalkyl, C_6-C_{10}-tricycloalkyl, where the last three groups may optionally be substituted by halogen or C_1-C_4-alkyl, halogen, CN, OR^1, 5- or 6-membered het-erocyclyl having 1, 2 or 3 heteroatoms selected from O, S and N, and phenyl, where phenyl and heterocyclyl optionally bear one or two substituents which are each independently selected from C_1-C_4-alkyl, C_1-C_4-alkoxy, NR^2R^3, CN, C_1-C_2-fluoroalkyl and halogen.

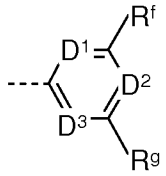
31. (New) The compound according to claim 15, which is of the formula I-Aa



(I-Aa.a)

wherein E is a bond and Ar is selected from phenyl, pyridyl, pyrimidinyl and s-triazinyl, each of which has 1, 2 or 3 of the aforementioned R^b radicals.

32. (New) The compound according to claim 30, wherein Ar is a radical Ar-1



Ar-1

wherein D^1 and D^2 are N and D^3 is CH and wherein

R^f and R^g are each independently selected from the following groups: OR^1, NR^2R^3, CN, C_1-C_6-alkyl which is optionally substituted by OH, C_1-C_4-alkoxy, halogen or phenyl, C_2-C_6-alkenyl, C_2-C_6-alkynyl, C_3-C_6-cycloalkyl, C_4-C_{10}-bicycloalkyl, C_6-C_{10}-tricycloalkyl, where the last three groups may optionally be substituted by halogen or C_1-C_4-alkyl, halogen, CN, OR^1, 5- or 6-membered heterocyclyl having 1, 2 or 3 heteroatoms selected from O, S and N, and phenyl, where phenyl and heterocyclyl optionally bear one or two substituents which are each independently selected from C_1-C_4-alkyl, C_1-C_4-alkoxy, NR^2R^3, CN, C_1-C_2-fluoroalkyl and halogen.